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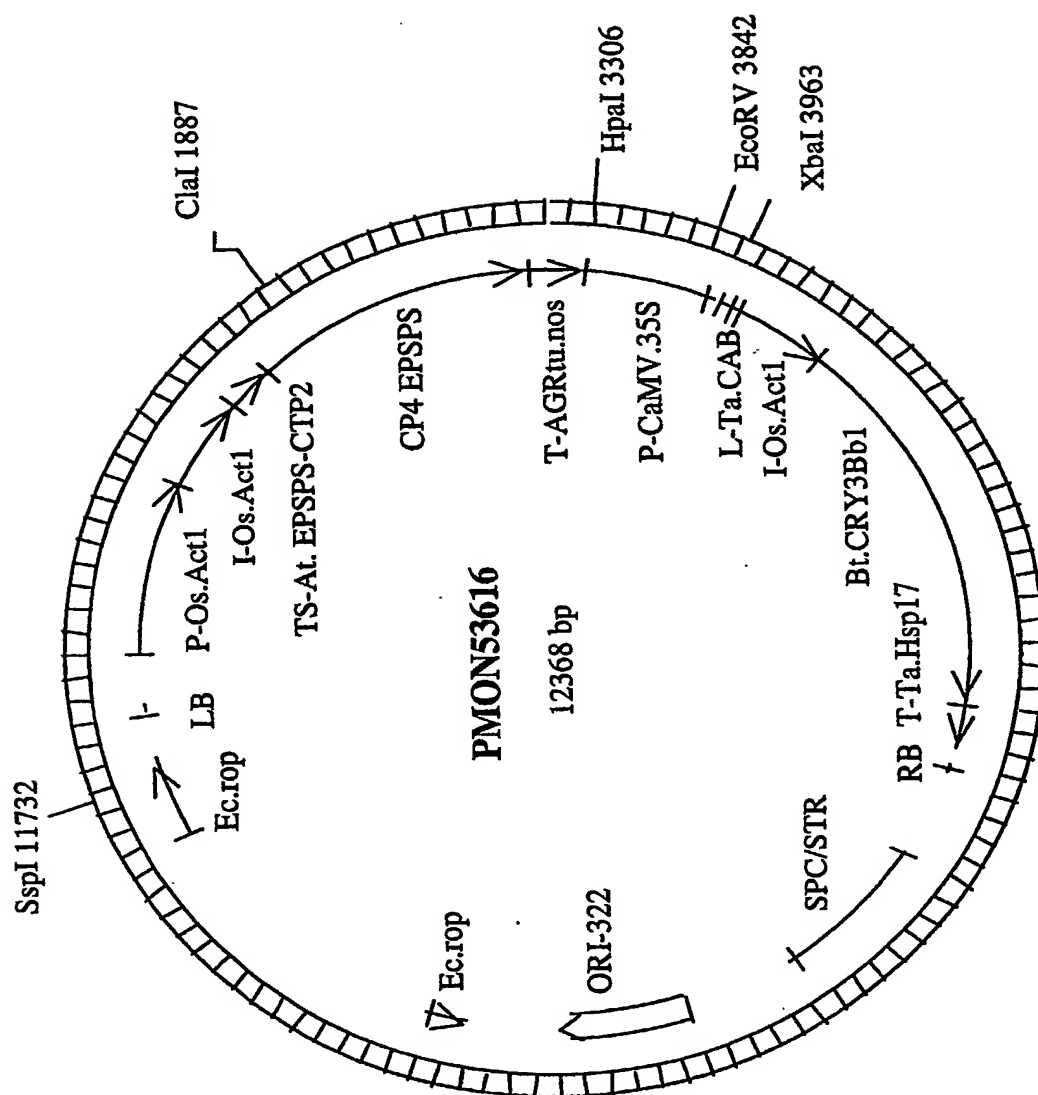


Figure 1

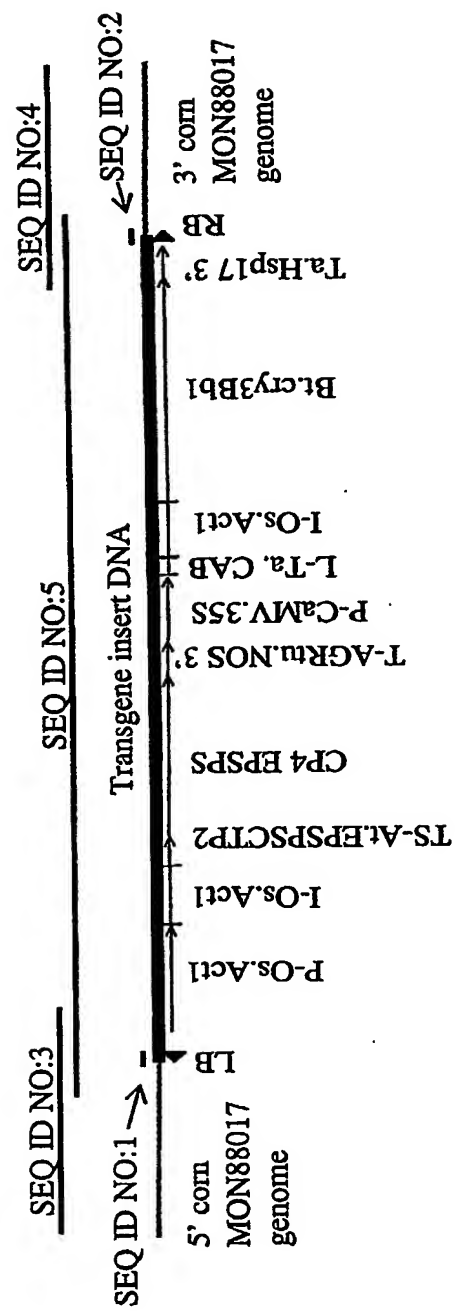


Figure 2

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GACCAGCGTCTCCCGCCGCACCCGCAGTCTGCACCGTAGAGATCGGATGTACAGGCA
TGTAGCATTAGGCTATTCAGCGGCTCTCGTATCTTATTCCTACCATCTATTTTATC
TACACTGTATAATACTCCCTCCGTTTATTGTTTATTTGTCGTTGAATAGTTCAATAT
TTGCACTGTCCAGCGACAACATAAAATGAAACGGAGTGAGGTAGTGTTTGTACAACC
ATATATAGAGGTGCCCAAACGGGCGGCCCGGCCCGGCGCCGTCAGGCCCGACGGTTA
ATCGGGCCGTGCCCGGCCGCGGCCCGTGCCGTAGCCGTGGCCAGGCACGGCGTGCCG
GGCCAGCCGTTTAACTGGTCACGTTCTCCCGCCTAACTGAAGGACACTAACCAATAT
AACTCGTGAGCATTGTGTGTAATAGCTAATATAAAATGTAAATATATATACTATGT
TTTATAAAATAAAAAATATATAATCGTGCCGGCCAGGCCGGCACTGCGGGCCAAGAC
AGCGGCCCAAGCACGTCACGGTTCCTCGTGCCGGGCCGGCCCCGGCATCGTGTTTCAG
GCCGGTCCGTTAGGCACGGCTCATTTGGCCCTCTATAACCATATATCATATTCATCG
ACGACCTTGGGCTAAGGCAGACCGACGGCCGCCCTAGGCCCCAGATCTATAGAGGCT
TAATGCTAAATATAAATTCAGTAGTTAGACTATCAATGTATGATATAATAGTTTAGC
AACAAAATACTAAAGAATTTATGGCTACGATGTTTTTCATAATCCGATCTTATCTAAA
CATGTTAGAAGGAAATTTTAAAGTAATATTATAATATGTATCTTTTTTATTACTTAT
TGCTTGATATAGATATTTTTTGATCTATCTTAAGTGTTTTATATTGATAATATTTATG
TATATAAAGAATTAGAATAGTCCTATTTTAAATTTTGTCCTGAACCCCTAAAATCCC
AGGACCGCCACCTATCATATACATACATGATCTTCTAAATACCCGATCAGAGCGCTA
AGCAGCAGAATCGTGTGACAACGCTAGCAGCTCTCCTCCAACACATCATCGACAAGC
ACCTTTTTTTGCCGGAGTATGACGGTGACGATATATTTCAATTGTAAATGGCTTCATGT
CCGGGAAATCTACATGGATCAGCAATGAGTATGATGGTCAATATGGAGAAAAAGAAA
GAGTAATTACCAATTTTTTTTTTCAATTCAAAAATGTAGATGTCCGCAGCGTTATTATA
AAATGAAAGTACATTTTGTATAAACGACAAATTACGATCCGTCGTATTTATAGGCGA
AAGCAATAAACAAATTATTCTAATTCGGAAATCTTTATTTTCGACGTGTCTACATTCA
CGTCCAAATGGGGGCTTAGATGAGAACTTCACGATTTGGCGCGCCAAAGCTTACTC
GAGGTCATTTCATATGCTTGAGAAGAGAGTCGGGATA

Figure 3

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CAAAC TCCACATGGGCTTCTCGGGCGACAAGAATGAACTGATCATTGGTGCTGAGTC
CTTCGTCTCCAACGAGAAGATCTACATCGACAAGATCGAGTTCATCCCCGTCCAGCT
GTGATAGGAAC TCTGATTGAAT TCTGCATGCGTTTGGACGTATGCTCATTCAGGTTG
GAGCCAATTTGGTTGATGTGTGTGCGAGTCTTGGCGAGTCTGATGAGACATCTCTGT
ATTGTGTTTCTTTCCCCAGTGT TTTTCTGTACTTGTGTAATCGGCTAATCGCCAACAG
ATTGCGCGATGAATAAATGAGAAATAAATTGTTCTGATTTTGAGTGCAAAAAAAG
GAATTAGATCTGTGTGTGT TTTTGGATCCCCGGGGCGGCCGCTCGAGCAGGACCTG
CAGAAGCTAGCTTGATGGGGATCAGATTGTCGTTTCCCGCCTTCAGTTTAAACAGAG
TCGGGTTTGGATGGTCAACTCCGGCATACTGCCGAAAACAAACCAATCCGTCACCGT
CAAGGCCCCGCACCGCTGGCCGCACGCAGGAAAAATAAGTTGCGACCGCGAGCGGGC
GAATCAGAAAGGGCGTCCGGCCTTGGTCAGACACGACAGCGACGCGGAAAGGCTGCG
CCCGCGGTGCCATCTACAAGGGTCCACGTCCATCCAAAAAGAGCGGTGCCCTGGACT
TCTCCCTCGTGTTCTTACTTCTTACGCGAAGGAAGCCAGGCAGGTGCGCAGCTTTTC
CAACCTTCCACCCCCCGGTGCGGCGCTCCACGCTGAGTCGCTGACCGCTCGCGCC
TCTCTTCGCTCCTCCTCACTCGCCGCGTCTCCGCAGCACAGCCCACTCGCATCGG
ATCGCGCGCGGGGAGCGGCATGGCCGGCGACGACGGCAGCGCGGGAGCGGAGGCGG
CAACAGGGAGGACGAGGTCCACGTGCAGATCGCAGGTCAGTGTGAGTCTCCGCTCG
TTCTCTCTCTCTCCGACGGACAGTGTGAAC TATGTGCGGTGCTCGTTGAGGATGCGA
TGAGAGGAGCGCGGGAAGGACTGTCGTAGATTGGATTGCTCTGCAGTGCCTGGGTA
GCCCCGAGTCCCCGACACATGTCTTTTCTCGGGTATGTCAGCGGCGGTACGTC
GTTGGAACGCTCAAGCGCGAGAGGTGTTGATGAATTACCTTCTGGTGTGTGGCGTA
CCGGTGGGTGAGTGGGGTTTTTGGTTGCTGTACGGGATTTGGGGTGGGGGTATCT
CCCTTCTTCAGTGCGCGCGCTCACGAGTCACGGCTGTCTTGTGATTGCTGCATCTGT
GCCATGTGCTCGTGCGTGCGTTTTTTCAGTTACTGGCCATTGACACTGAGTGAATGTTT
GGTTGGTTCGTCCGATAGGGTTGGTTTTCAGCTGTTAATTACGACTCCAAGTATCTGAAA
CATTTTCATGAGGATGTGTAGGGAACCTTACTTTATGCACTTCAATGGCCAGGCCAGG
CCTGTATTATCTTTTTCTTGT TTTGGGAATAATGATGTGAGCTTTAGGGGAGCAGCGC
TGCTTCTTCTTTTTTTTTTCTCCAGAAAAAGTCATAGATATACCGTGGACAATTTCT
TTGTGTGCGGTAATTTTAGAGCACTGTGGGTTTGTGCCCTGTTGCTCAGGAAAAGTA
CCCAAGCTGGGATTTCACTTGGGTCTAAGAAACCAGCGTTTCAGTTTGGGGGTCTC
CTGGTACCCTGAAGTGCTTACCATTTATAGTTCCCGGATGACCTGTTTATAATGCCT
TCTGTATGTTGTTTGCAGGATCATCCAAACCTGAAACCTCATCTACCAACGAAACAG
CTCCTCAAAACTCTCATACCAAGCATTGGCATTTGGTGGCTGATGGTAACTCTGAACA
TTTTCTTCTCGTTGCTGGTTCAGACAGCATCGACACTCCTTGGCAGGTTCTACTACA
ACCAAGGTGGAAATAGCAAGTGGATGTCCACATTTGTCCAAACCGCTGGCTTTCCAG
TGCTGTTGCTCGCCCTATATCTGTTCCGTTCAAATCGCCTTCTACACAAACAACCA
CCAGTAACCCTGAGACTTCTGTACCAAAATTAATCTTATATATGTTGTCTTGGGCC
TCATCATTTGCTGCCGATGACTTGATGTATTCTTATGGCCTGTTGTACCTTCTGTAT
CAACATATTGCTCATTTGCGCTAGTCAGCTGGCCTTCAATGCTGTCTTCTCATATG
TCCATAAATGCTCAAAAGTTTCAACCCATTCATTTTCAACTCAGTAATTCTCCTTACTT
TTCCCGCTGCGCTTCTTGGAGTTGACGAAGATTCTCAGGGTACCAATGGTTTATCGC
GTGGGAAGTACATATTGGGTTTTCGCATTGACCCTAGGAGCCTCGGCCACATACTCAC
TAATTCTCTCTTAATGCAAGTCGCATTGAGAAAGTTATTAAGAAGGAACTTTCT
CAGTCGTGTTGAATATGCAGATATATACGCACTAGTGGCAACAGTAGCTTCTCTTA
TCGGTTTATTTGCAAGCGCGAGTGGAAG

Figure 4A

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ACTTTAGAGGGAGAGATGCATGCCTTCAGCTCAGGGAGGGTGTCCATATGTGATGACA
CTTCTATGGACTGCTGTATCTTGGCAGATAGCTTCCGTAGGAGTGGTGGGTTTGATC
TTTG
TTGTGTCATCACTCTTTTCAAATGTGATAAGCACACTGGCTCTACCCATCATTCGGA
TTTTTGCTGTGATTTTCTTCCACGACAAGATGGATGGAGTGAAGATTATTGCTATGT
TGATGGCCATCTGGGGATTCGTTTCATATGGATATCAATTATATGTCAGTGACAAGA
AGGCTAGGAAGACTTCAGTCAGTGTGGAGGAGAATTCCTAAGCGCTTGTTGGCCTGT
TACATTGGTCTTTGTGGCTCCTATAACCACTTTAAGTTGCTGGTATTGAGGAGGTACT
AGTTATTGACTTATGTATCCAAAAGGAGCTCAGTTGAGAATCTCAGGTTTACACAA
TTCATAGGTATATACTTCTGTTAGTATTGTTCATATCATCATATGTACCGATGTACGG
TTGTGTTGTCTTTTAAAATAAAAAGATTAGCATTTCCAGAGGCATGCTCTCTAGATT
TCTAATTGCCTTAAATATTTTCTTGCCTTTGTTTGTTTTTTTTTTTTTTTTGCTATTAA
CTGTGATTTGTGATTCTATGGTTTGACATATAGTATTTCTAGGTGGTGTGCATGCTG
ATCCTGCTTATTCTACTATGAATTAAATGCAGTATAGGTCCATTAAC TTTTGCATGC
GAGCTTCTTGGTGAAAGCCCTGCGTGGTTTGGTTTTTGATAACTGAGTGACAGTTAGT
AAAGGTTTTTTGTGTACCACATTTTCTTAGTGTTCTTCACTCCAAATTTGATAGGCG
AGGCTCGATCTTATTCAGTTGCTTGGCTTTCCCTTGTTATAACGCCTCAGCTAATCTG
GCTTTGTTTCCTTATGCATACCTTCTGTAATCTAACACCAAACCACAGATGTTGCAT
GTCCATTCTCCATGG

Figure 4B

1 TACCCGATCA GAGCGCTAAG CAGCAGAATC GTGTGACAAC GCTAGCAGCT
51 CTCCTCCAAC ACATCATCGA CAAGCACCTT TTTTGCCGGA GTATGACGGT
101 GACGATATAT TCAATTGTAA ATGGCTTCAT GTCCGGGAAA TCTACATGGA
151 TCAGCAATGA GTATGATGGT CAATATGGAG AAAAAGAAAG AGTAATTACC
201 AATTTTTTTTT CAATTCAAAA ATGTAGATGT CCGCAGCGTT ATTATAAAAT
251 GAAAGTACAT TTTGATAAAA CGACAAATTA CGATCCGTCG TATTTATAGG
301 CGAAAGCAAT AAACAAATTA TTCTAATTCG GAAATCTTTA TTTCGACGTG
351 TCTACATTCA CGTCCAAATG GGGGCTTAGA TGAGAAACTT CACGATTTGG
401 CGCGCCAAAG CTTACTCGAG GTCATTCATA TGCTTGAGAA GAGAGTCGGG
451 **ATAGTCCAAA ATAAAACAAA GGTAAGATTA CCTGGTCAAA AGTGAAAACA**
501 TCAGTTAAAA GGTGGTATAA AGTAAAATAT CGGTAATAAA AGGTGGCCCA
551 AAGTGAAATT TACTCTTTTC TACTATTATA AAAATTGAGG ATGTTTTTGT
601 CGGTACTTTG ATACGTCATT TTTGTATGAA TTGGTTTTTA AGTTTATTCG
651 CTTTTGAAA TGCATATCTG TATTTGAGTC GGGTTTTAAG TTCGTTTGCT
701 TTTGTAATA CAGAGGGATT TGTATAAGAA ATATCTTTAG AAAAACCAT
751 ATGCTAATTT GACATAATTT TTGAGAAAAA TATATATTCA GCGAATTC
801 CACAATGAAC AATAATAAGA TTAAAATAGC TTTCCCCCGT TGCAGCGCAT
851 GGGTATTTTT TCTAGTAAAA ATAAAAGATA AACTTAGACT CAAAACATTT
901 ACAAAAACAA CCCCTAAAGT TCCTAAAGCC CAAAGTGCTA TCCACGATCC
951 ATAGCAAGCC CAGCCCAACC CAACCCAACC CAACCCACCC CAGTCCAGCC
1001 AACTGGACAA TAGTCTCCAC ACCCCCCCAC TATCACCCTG AGTTGTCCGC
1051 ACGCACCGCA CGTCTCGCAG CCAAAAAAAA AAAGAAAGAA AAAAAAGAAA
1101 AAGAAAAAAC AGCAGGTGGG TCCGGGTCGT GGGGGCCGGA AACGCGAGGA
1151 GGATCGCGAG CCAGCGACGA GGCCGGCCCT CCCTCCGCTT CCAAAGAAAC
1201 GCCCCCATC GCCACTATAT ACATACCCCC CCCTCTCCTC CCATCCCCC
1251 AACCCTACCA CCACCACCAC CACCACCTCC ACCTCCTCCC CCCTCGCTGC
1301 CGGACGACGA GCTCCTCCCC CCTCCCCCTC CGCCGCCGCC GCGCCGGTAA
1351 CCACCCCGCC CCTCTCCTCT TTCTTTCTCC GTTTTTTTTT CCGTCTCGGT
1401 CTCGATCTTT GGCCTTGGTA GTTTGGGTGG GCGAGAGGCG GCTTCGTGCG
1451 CGCCCAGATC GGTGCGCGG AGGGGCGGGA TCTCGCGGCT GGGGCTCTCG

Figure 5A

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1501 CCGGCGTGGA TCCGGCCCCG ATCTCGCGGG GAATGGGGCT CTCGGATGTA
1551 GATCTGCGAT CCGCCGTTGT TGGGGGAGAT GATGGGGGGT TTAAAATTTT
1601 CGCCGTGCTA AACAAGATCA GGAAGAGGGG AAAAGGGCAC TATGGTTTAT
1651 ATTTTATAT ATTTCTGCTG CTTGTCAGG CTTAGATGTG CTAGATCTTT
1701 CTTTCTTCTT TTTGTGGGTA GAATTTGAAT CCCTCAGCAT TGTTCATCGG
1751 TAGTTTTTCT TTTTCATGAT TGTGACAAAT GCAGCCTCGT GCGGAGCTTT
1801 TTTGTAGGTA GAAGTGATCA ACCATGGCGC AAGTTAGCAG AATCTGCAAT
1851 GGTGTGCAGA ACCCATCTCT TATCTCCAAT CTCTCGAAAT CCAGTCAACG
1901 CAAATCTCCC TTATCGGTTT CTCTGAAGAC GCAGCAGCAT CCACGAGCTT
1951 ATCCGATTTT GTCGTCGTGG GGATTGAAGA AGAGTGGGAT GACGTTAATT
2001 GGCTCTGAGC TTCGTCCTCT TAAGGTCATG TCTTCTGTTT CCACGGCGTG
2051 CATGCTTCAC GGTGCAAGCA GCCGGCCCGC AACCGCCCGC AAATCCTCTG
2101 GCCTTTCCGG AACCGTCCGC ATTCCCGGCG ACAAGTCGAT CTCCCACCGG
2151 TCCTTCATGT TCGGCGGTCT CGCGAGCGGT GAAACGCGCA TCACCGGCCT
2201 TCTGGAAGGC GAGGACGTCA TCAATACGGG CAAGGCCATG CAGGCGATGG
2251 GCGCCCGCAT CCGTAAGGAA GCGGACACCT GGATCATCGA TGGCGTCGGC
2301 AATGGCGGCC TCCTGGCGCC TGAGGCGCCG CTCGATTTTCG GCAATGCCGC
2351 CACGGGCTGC CGCCTGACGA TGGGCCTCGT CGGGGTCTAC GATTTGACA
2401 GCACCTTCAT CGGCGACGCC TCGCTCACA AGCGCCCGAT GGGCCGCGT
2451 TTGAACCCGC TCGCGGAAAT GGGCGTGCAG GTGAAATCGG AAGACGGTGA
2501 CCGTCTTCCC GTTACCTTGC GCGGGCCGAA GACGCCGACG CCGATCACCT
2551 ACCGCGTGCC GATGGCCTCC GCACAGGTGA AGTCCGCCGT GCTGCTCGCC
2601 GGCCTCAACA CGCCCGGCAT CACGACGGTC ATCGAGCCGA TCATGACGCG
2651 CGATCATACG GAAAAGATGC TGCAGGGCTT TGGCGCCAAC CTTACCGTCG
2701 AGACGGATGC GGACGGCGTG CGCACCATCC GCCTGGAAGG CCGCGGCAAG
2751 CTCACCGGCC AAGTCATCGA CGTGCCGGGC GACCCGTCCT CGACGGCCTT
2801 CCCGCTGGTT GCGGCCCTGC TTGTTCCGGG CTCCGACGTC ACCATCCTCA
2851 ACGTGCTGAT GAACCCACCG CGCACCGGCC TCATCCTGAC GCTGCAGGAA
2901 ATGGGCGCCG ACATCGAAGT CATCAACCCG CGCCTTGCCG GCGGCGAAGA
2951 CGTGGCGGAC CTGCGCGTTC GTCCTCCAC GCTGAAGGGC GTCACGGTGC

Figure 5B

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3001 CGGAAGACCG CGCGCCTTCG ATGATCGACG AATATCCGAT TCTCGCTGTC
3051 GCCGCCGCCT TCGCGGAAGG GGCGACCGTG ATGAACGGTC TGGAAGAACT
3101 CCGCGTCAAG GAAAGCGACC GCCTCTCGGC CGTCGCCAAT GGCTCAAGC
3151 TCAATGGCGT GGATTGCGAT GAGGGCGAGA CGTCGCTCGT CGTGCGTGGC
3201 CGCCCTGACG GCAAGGGGCT CGGCAACGCC TCGGGCGCCG CCGTCGCCAC
3251 CCATCTCGAT CACCGCATCG CCATGAGCTT CCTCGTCATG GGCTCGTG
3301 CGGAAAACCC TGTACCGTG GACGATGCCA CGATGATCGC CACGAGCTTC
3351 CCGGAGTTCA TGGACCTGAT GGCCGGGCTG GGCGGAAGA TCGAACTCTC
3401 CGATACGAAG GCTGCCCTGAT GAGCTCGAAT TCCCGATCGT TCAAACATTT
3451 GGCAATAAAG TTTCTTAAGA TTGAATCCTG TTGCCGGTCT TCGCATGATT
3501 ATCATATAAT TTCTGTTGAA TTACGTTAAG CATGTAATAA TTAACATGTA
3551 ATGCATGACG TTATTTATGA GATGGGTTTT TATGATTAGA GTCCCGCAAT
3601 TATACATTTA ATACGCGATA GAAAACAAAA TATAGCGCGC AAAC TAGGAT
3651 AAATTATCGC GCGCGGTGTC ATCTATGTTA CTAGATCGGG GATTTGCGGC
3701 CGCGTTAACA AGCTTCTGCA GGTCCGATTG AGACTTTTCA ACAAAGGGTA
3751 ATATCCGGAA ACCTCCTCGG ATTCCATTGC CCAGCTATCT GTCACTTTAT
3801 TGTGAAGATA GTGAAAAGG AAGGTGGCTC CTACAAATGC CATCATTGCG
3851 ATAAAGGAAA GGCCATCGTT GAAGATGCCT CTGCCGACAG TGGTCCCAAA
3901 GATGGACCCC CACCCACGAG GAGCATCGTG GAAAAAGAAG AC GTTCCAAC
3951 CACGTCTTCA AAGCAAGTGG ATTGATGTGA TGGTCCGATT GAGACTTTTC
4001 AACAAAGGGT AATATCCGGA AACCTCCTCG GATTCCATTG CCCAGCTATC
4051 TGTCACTTTA TTGTGAAGAT AGTGGAAAAG GAAGGTGGCT CCTACAAATG
4101 CCATCATTCG GATAAAGGAA AGGCCATCGT TGAAGATGCC TCTGCCGACA
4151 GTGGTCCCAA AGATGGACCC CCACCCACGA GGAGCATCGT GGAAAAAGAA
4201 GACGTTCCAA CCACGTCTTC AAAGCAAGTG GATTGATGTG ATATCTCCAC
4251 TGACGTAAGG GATGACGCAC AATCCCACTA TCCTTCGCAA GACCCTTCCT
4301 CTATATAAGG AAGTTCATTT CATTTGGAGA GGACACGCTG ACAAGCTGAC
4351 TCTAGCAGAT CCTCTAGAAC CATCTTCCAC ACACTCAAGC CACACTATTG
4401 GAGAACACAC AGGGACAACA CACCATAAGA TCCAAGGGAG GCCTCCGCCG
4451 CCGCCGGTAA CCACCCCGCC CCTCTCCTCT TTCTTTCTCC GTTTTTTTTT

Figure 5C

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4501 CCGTCTCGGT CTCGATCTTT GGCCTTGGTA GTTTGGGTGG GCGAGAGGCC
4551 GCTTCGTGCG CGCCCAGATC GGTGCGCGGG AGGGGCGGGA TCTCGCGGCT
4601 GGGGCTCTCG CCGGCGTGGA TCCGGCCCGG ATCTCGCGGG GAATGGGGCT
4651 CTCGGATGTA GATCTGCGAT CCGCCGTTGT TGGGGGAGAT GATGGGGGGT
4701 TTAAAATTTT CGCCGTGCTA AACAAGATCA GGAAGAGGGG AAAAGGGCAC
4751 TATGGTTTAT ATTTTATATAT ATTTCTGCTG CTTCGTCAGG CTTAGATGTG
4801 CTAGATCTTT CTTTCTTCTT TTTGTGGGTA GAATTTGAAT CCCTCAGCAT
4851 TGTTCATCGG TAGTTTTTCT TTTTCATGATT TGTGACAAAT GCAGCCTCGT
4901 GCGGAGCTTT TTTGTAGGTA GAAGTGATCA ACCATGGCCA ACCCCAACAA
4951 TCGCTCCGAG CACGACACGA TCAAGGTCAC CCCCAACTCC GAGCTCCAGA
5001 CCAACCACAA CCAGTACCCG CTGGCCGACA ACCCCAACTC CACCTTGAA
5051 GAGCTGAAC TACAAGGAGTT CCTGCGCATG ACCGAGGACT CCTCCACGGA
5101 GGTCCCTGGAC AACTCCACCG TCAAGGACGC CGTCGGGACC GGCATCTCCG
5151 TCGTTGGGCA GATCCTGGGC GTCGTTGGCG TCCCCTTCGC AGGTGCTCTC
5201 ACCTCCTTCT ACCAGTCCTT CCTGAACACC ATCTGGCCCT CCGACGCCGA
5251 CCCC TGGAAG GCCTTCATGG CCAAGTCGA AGTCCTGATC GACAAGAAGA
5301 TCGAGGAGTA CGCCAAGTCC AAGGCCCTGG CCGAGCTGCA AGGCCTGCAA
5351 AACAACTTCG AGGACTACGT CAACGCGCTG AACTCCTGGA AGAAGACGCC
5401 TCTGTCCCTG CGCTCCAAGC GCTCCCAGGA CCGCATCCGC GAGCTGTTCT
5451 CCCAGGCCGA GTCCCACTTC CGCAACTCCA TGCCGTCCTT CGCCGTCTCC
5501 AAGTTCGAGG TCCTGTTCTT GCCCACCTAC GCCCAGGCTG CCAACACCCA
5551 CCTCCTGTTG CTGAAGGACG CCCAGGTCTT CGGCGAGGAA TGGGGCTACT
5601 CCTCGGAGGA CGTCGCCGAG TTCTACCGTC GCCAGCTGAA GCTGACCCAA
5651 CAGTACACCG ACCACTGCGT CAACTGGTAC AACGTCGGCC TGAACGGCCT
5701 GAGGGGCTCC ACCTACGACG CATGGGTCAA GTTCAACCGC TTCCGCAGGG
5751 AGATGACCCT GACCGTCCTG GACCTGATCG TCCTGTTCCC CTTCTACGAC
5801 ATCCGCCTGT ACTCCAAGGG CGTCAAGACC GAGCTGACCC GCGACATCTT
5851 CACGGACCCC ATCTTCCTGC TCACGACCCT CCAGAAGTAC GGTCCCACCT
5901 TCCTGTCCAT CGAGAACTCC ATCCGCAAGC CCCACCTGTT CGACTACCTC
5951 CAGGGCATCG AGTTCCACAC GCGCCTGAGG CCAGGCTACT TCGGCAAGGA

Figure 5D

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6001 CTCCTTCAAC TACTGGTCCG GCAACTACGT CGAGACCAGG CCCTCCATCG
6051 GCTCCTCGAA GACGATCACC TCCCCTTTCT ACGGCGACAA GTCCACCGAG
6101 CCCGTCCAGA AGCTGTCCTT CGACGGCCAG AAGGTCTACC GCACCATCGC
6151 CAACACCGAC GTCGCGGCTT GGCCGAACGG CAAGGTCTAC CTGGGCGTCA
6201 CGAAGGTCGA CTTCTCCCAG TACGATGACC AGAAGAACGA GACCTCCACC
6251 CAGACCTACG ACTCCAAGCG CAACAATGGC CACGTCTCCG CCCAGGACTC
6301 CATCGACCAG CTGCCGCCTG AGACCACTGA CGAGCCCCTG GAGAAGGCCT
6351 ACTCCCACCA GCTGAAC TAC GCGGAGTGCT TCCTGATGCA AGACCGCAGG
6401 GGCACCATCC CCTTCTTCAC CTGGACCCAC CGCTCCGTCG ACTTCTTCAA
6451 CACCATCGAC GCCGAGAAGA TCACCCAGCT GCCCGTGGTC AAGGCCTACG
6501 CCCTGTCTC GGGTGCCTCC ATCATGAGG GTCCAGGCTT CACCGGTGGC
6551 AACCTGCTGT TCCTGAAGGA GTCTCGAAC TCCATCGCCA AGTTCAAGGT
6601 CACCCTGAAC TCCGCTGCCT TGCTGCAACG CTACCGCGTC CGCATCCGCT
6651 ACGCCTCCAC CACGAACCTG CGCCTGTTCG TCCAGAACTC CAACAATGAC
6701 TTCCTGGTCA TCTACATCAA CAAGACCATG AACAAGGACG ATGACCTGAC
6751 CTACCAGACC TTCGACCTCG CCACCACGAA CTCCAACATG GGCTTCTCGG
6801 GCGACAAGAA TGAAGTATC ATTGGTGCTG AGTCCTTCGT CTCCAACGAG
6851 AAGATCTACA TCGACAAGAT CGAGTTCATC CCCGTCCAGC TGTGATAGGA
6901 ACTCTGATTG AATTCTGCAT GCGTTTGGAC GTATGCTCAT TCAGGTTGGA
6951 GCCAATTTGG TTGATGTGTG TGCGAGTTCT TGCGAGTCTG ATGAGACATC
7001 TCTGTATTGT GTTTCTTTCC CCAGTGTTTT CTGTACTTGT GTAATCGGCT
7051 AATCGCCAAC AGATTCGGCG ATGAATAAAT GAGAAATAAA TTGTTCTGAT
7101 TTTGAGTGCA AAAAAAAGG AATTAGATCT GTGTGTGTTT TTTGGATCCC
7151 CGGGGCGGCC GCTCGAGCAG GACCTGCAGA AGCTAGCTTG ATGGGGATCA
7201 GATTGTCGTT TCCCGCCTTC AGTTTAAACA GAGTCGGGTT TGGATGGTCA
7251 ACTCCGGCAT ACTGCCGAAA ACAAACCAAT CCGTCACCGT CAAGGCCCCG
7301 CACCGCTGGC CGCACGCAGG AAAAATAAGT TGCGACCGCG AGCGGGCGAA
7351 TCAGAAAGGG CGTCCGGCCT TGGTCAGACA CGACAGCGAC GCGGAAAGGC
7401 TGCGCCCGCG GTGCCATCTA CAAGGGTCCA CGTCCATCCA AAAAGAGCGG

Figure 5E